Claims Listing

- **1.** (currently amended) A process for increasing the molecular weight and/or for the modification of a polycondensate, which process comprises adding to the polycondensate
 - a) at least one bis-acyllactam and
 - b1) at least one phosphite, phosphinate or phosphonate[[;]]or
 - b2) at least one benzofuran-2-one type compound or
 - b3) at least one phosphite, phosphinate or phosphonate and one benzofuran-2-one typecompound and

processing the mixture in the melt.

- **2.** (**previously presented**) A process according to claim **1** wherein the polycondensate is an aliphatic or aromatic polyester, an aliphatic or aromatic polyamide or polycarbonate or a blend or copolymer thereof.
- **3.** (currently amended) A process according to claim 1 wherein the polycondensate is polyethylene terephthalatetherephthalate (PET), polybutylene terephthalatetherephthalate (PBT), polyethylenenaphthenate (PEN)[[,]] or a copolyester[[,]]PA 6, PA 6,6 or a polycarbonate containing bisphenol A, bisphenol Z or bisphenol F linked via carbonate groups.
- **4.** (currently amended) A process according to claim **1** wherein the polycondensate is <u>polyethylene</u> terephthalatePET or <u>polybutylene</u> terephthalatePET or a copolymer of <u>polyethylene</u> terephthalatePET or <u>polybutylene</u> terephthalatePBT.
- **5.** (currently amended) A process according to claim 1 wherein the bis-acyllactams are is of formula la or lb

$$(CH_2)n \qquad (CH_2)n \qquad (Ia) \qquad (CH_2)n \qquad (Ib)$$

wherein A is C_1 - C_{18} alkylen<u>e</u>, C_2 - C_{18} alkylene interrupted by at least one oxygen atom, C_1 - C_{18} alkenylene, phenylene, phenylene- C_1 - C_{18} alkylene, C_1 - C_{18} alkylene-phenylene- C_1 - C_{18} alkylene; m is 0 or 1 and n is a number from 3 to 12.

6. (currently amended) A process according to claim 1 wherein the phosphonates are is of formula II

$$Q - - - (CH_2) - P - - OR_{104}$$
 (II)
$$OR_{103}$$

wherein

 R_{103} is H, C_1 - C_{20} alkyl or unsubstituted or C_1 - C_4 alkyl-substituted phenyl or naphthyl, R_{104} is hydrogen, C_1 - C_{20} alkyl or unsubstituted or C_1 - C_4 alkyl-substituted phenyl or naphthyl; or is M^{Γ^+} / r,

M^{r+} is an r-valent metal cation or the ammonium ion, n is 0, 1, 2, 3, 4, 5 or 6 and r is 1, 2, 3 or 4;

Q is hydrogen, -X-C(O)-OR₁₀₇ or a radical

$$\underbrace{\text{or}}_{R_{102}} = \underbrace{\text{OR}_{106}}_{R_{102}},$$

R₁₀₁ is isopropyl, tert-butyl, cyclohexyl, or cyclohexyl which is substituted by 1-3 C₁-C₄alkyl groups,

R₁₀₂ is hydrogen, C₁-C₄alkyl, cyclohexyl, or cyclohexyl which is substituted by 1-3 C₁-C₄alkyl groups,

R₁₀₅ is H, C₁-C₁₈alkyl, OH, halogen or C₃-C₇cycloalkyl;

R₁₀₆ is H, methyl, trimethylsilyl, benzyl, phenyl, sulfonyl or C₁-C₁₈alkyl;

R₁₀₇ is H, C₁-C₁₀alkyl or C₃-C₇cycloalkyl and

X is phenylene, C₁-C₄alkyl group-substituted phenylene or cyclohexylene.

7. (currently amended) A process according to claim 6 wherein the phosphonates are is of formula lia

$$\begin{array}{c|c}
R_{101} & O \\
\hline
 & O \\
 & O \\
\hline
 & O \\$$

wherein

R₁₀₁ is H, isopropyl, tert-butyl, cyclohexyl, or cyclohexyl which is substituted by 1-3 C₁-C₄alkyl groups,

R₁₀₂ is hydrogen, C₁-C₄alkyl, cyclohexyl, or cyclohexyl which is substituted by 1-3 C₁-C₄alkyl groups,

R₁₀₃ is C₁-C₂₀alkyl or unsubstituted or C₁-C₄alkyl-substituted phenyl or naphthyl,

 $R_{104} \ is \ hydrogen, \ C_1 - C_{20} alkyl \ or \ unsubstituted \ or \ C_1 - C_4 alkyl-substituted \ phenyl \ or \ naphthyl;$

or is M^{r+} / r;

M is an r-valent metal cation,

r is 1, 2, 3 or 4 and n is 1, 2, 3, 4, 5 or 6.

8. (currently amended) A process according to claim **6** wherein the phosphonates are of formula III, IV, V, VI or VII

$$H_3C$$
 H_3C
 H_3C

$$OR_{101}$$
 OR_{101} OR_{101}

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wherein the R_{101} are each independently of one another hydrogen or M^{r+} / r.

9-13. (canceled)

- **14. (original)** A process according to claim **1** wherein the bis-acyllactam is used in an amount of 0.01 to 5 % by weight based on the weight of the polycondensate.
- **15.** (currently amended) A process according to claim 1 wherein the phosphite, phosphinate or at least one phosphonate is used in an amount of 0.01 to 5 % by weight based on the weight of the polycondensate.

16. (canceled)

- **17.** (currently amended) A process according to claim 1 wherein the ratio of the <u>at least one</u> bisacyllactam to b1) the <u>at least one phosphite</u>, phosphinate or phosphonate or to b2) the benzofuran-2-one type compound or to b3) the sum of all-is from 1:10 to 5:1.
- **18.** (original) A process according to claim **1** wherein the maximum mass-temperature of the melt is from 170° to 320° C.
- 19. (original) A process according to claim 1 wherein an oxazoline compound is additionally present.
- 20. (currently amended) A composition comprising
 - a) a polycondensate;
 - b) at least one bis-acyllactam and
 - c1) at least one phosphite, phosphinate or phosphonate[[;]]or
- c2) at least one benzofuran-2-one type compound or

c3) at least one phosphite,	phosphinate	or phosphonate	-and one benz e	ofuran-2-one type
compound.				

- 21. (previously presented) A polycondensate obtained by a process according to clam 1.
- 22. (canceled)